

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	09/26/2018 09/26/2018	Bob Duffey

LM Start		Rating **	A	Issue No.	1
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_NA0009_01_s_2013_1				
Comment Code					
Inspector Comment					
The LMA has the O&M manuals.					

No Photos

LM Start		Rating **	A	Issue No.	9
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_NA0009_01_s_2013_9				
Comment Code					
Inspector Comment					
The LMA has adequate flood fight supplies and equipment.					

No Photos

LM Start		Rating **	A	Issue No.	10
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_NA0009_01_s_2013_10				
Comment Code					
Inspector Comment					
The LMA completed flood fight training in 2016.					

No Photos

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	09/26/2018 09/26/2018	Bob Duffey

LM Start	0.26	Rating **	M	Issue No.	11
LM End	0.26	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.186777 °	39.186777 °
				-122.908102 °	-122.908102 °
DWR ID	DWR_NA0009_01_s_2013_11				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

Photo 1 of 1 : FA_2018_NA0009_3_11_20180905_00006.jpg



View of the overgrown trees at the landside slope.

LM Start	2.26	Rating **	A/W	Issue No.	537
LM End	2.26	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.160327 °	39.160327 °
				-122.913998 °	-122.913998 °
DWR ID	21240				
Comment Code					
Inspector Comment					
FS_ID:26987					
DS_ID:21240					
EP_NO: N/A					
Repair Type: No Action Needed					
Crossing Status: Found					
UCIP Comments:					
FIELD_STRUCT_DESC: 2 of 2: 36-inch corrugated metal drainage pipe through the levee, 9 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwalls on both ends. (two 36-inch pipes [HLM 2.26] retained under Automatic Board Order (ABO) issued as Permit No. 11460, 1975 - Robert L. and Lavona Gentry). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 2.26)].					
FS Date: 1/14/2014					

Photo 1 of 3 : UCIP_FA_2018_26987_49853.jpg



Pipe and Concrete headwall visible on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Middle Creek	Left	3.35	09/26/2018 09/26/2018	Bob Duffey

LM Start	2.26	Rating **	A/W	Issue No.	537 (cont)	
LM End	2.26	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			39.160327 °	39.160327 °	
				-122.913998 °	-122.913998 °	
DWR ID	21240					
Comment Code						
Inspector Comment						
FS_ID:26987 DS_ID:21240 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 2 of 2: 36-inch corrugated metal drainage pipe through the levee, 9 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwalls on both ends. (two 36-inch pipes [HLM 2.26] retained under Automatic Board Order (ABO) issued as Permit No. 11460, 1975 - Robert L. and Lavona Gentry). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 2.26)]. FS Date: 1/14/2014						

Photo 2 of 3 : UCIP_FA_2018_26987_49852.jpg



Pipe and Concrete headwall visible on LS toe.

LM Start	2.26	Rating **	A/W	Issue No.	537 (cont)
LM End	2.26	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2018_26987_49851.jpg



Pipe, Concrete headwall, and flap gate visible on WS berm.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	09/26/2018 09/26/2018	Bob Duffey

LM Start	2.26	Rating **	A/W	Issue No.	538
LM End	2.26	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.160272 °	39.160272 °
				-122.913966 °	-122.913966 °
DWR ID	21197				
Comment Code					
Inspector Comment					
FS_ID:26986 DS_ID:21197 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 1 of 2: 36-inch corrugated metal drainage pipe through the levee, 9 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. (two 36-inch pipes [HLM 2.26] retained under Automatic Board Order (ABO) issued as Permit No. 11460, 1975 - Robert L. and Lavona Gentry). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 2.26)]. FS Date: 1/9/2014					

Photo 1 of 3 : UCIP_FA_2018_26986_49849.jpg



Concrete headwall and pipe visible on LS toe at end of drainage swale.

LM Start	2.26	Rating **	A/W	Issue No.	538 (cont)
LM End	2.26	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2018_26986_49848.jpg



Concrete headwall and pipe visible on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	09/26/2018 09/26/2018	Bob Duffey

LM Start	2.26	Rating **	A/W	Issue No.	538 (cont)	
LM End	2.26	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			39.160272 °		39.160272 °
				-122.913966 °		-122.913966 °
DWR ID	21197					
Comment Code						
Inspector Comment						
FS_ID:26986						
DS_ID:21197						
EP_NO: N/A						
Repair Type: No Action Needed						
Crossing Status: Found						
UCIP Comments:						
FIELD_STRUCT_DESC: 1 of 2: 36-inch corrugated metal drainage pipe through the levee, 9 feet below the crown. Flap gate on the waterside (WS) end. Concrete U-shaped headwalls on both ends. (two 36-inch pipes [HLM 2.26] retained under Automatic Board Order (ABO) issued as Permit No. 11460, 1975 - Robert L. and Lavona Gentry). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 2.26)].						
FS Date: 1/9/2014						

Photo 3 of 3 : UCIP_FA_2018_26986_49847.jpg



Concrete headwall and pipe visible on WS berm.

LM Start	2.29	Rating **	M	Issue No.	13
LM End	2.29	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.160285 °	39.160285 °
				-122.913481 °	-122.913481 °
DWR ID	DWR_NA0009_01_s_2013_13				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : FA_2018_NA0009_3_13_20180905_00007.jpg



View of the vehicle erosion along the waterside slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	09/26/2018 09/26/2018	Bob Duffey

LM Start	2.30	Rating **	A	Issue No.	28
LM End	2.37	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.160383 °	39.161275 °
				-122.913252 °	-122.912627 °
DWR ID	DWR_NA0009_01_f_2018_28				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The vegetation was removed from both slopes.					

Photo 1 of 1 : FA_2018_NA0009_3_28_20181009_00035.jpg



View of no vegetation on both slopes.

LM Start	2.35	Rating **	M	Issue No.	539
LM End	2.35	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.161002 °	39.161002 °
				-122.912843 °	-122.912843 °
DWR ID	21199				
Comment Code					
Inspector Comment					
FS_ID:27004 DS_ID:21199 EP_NO: 11460 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Heavy vegetation on LS at inlet should be removed. FIELD_STRUCT_DESC: 42-inch corrugated metal drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on both ends. (42-inch pipe [HLM 2.35] retained under Automatic Board Order (ABO) issued as Permit No. 11460, 1975 - Robert L. and Lavona Gentry). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 2.35)]. FS Date: 1/14/2014					

Photo 1 of 3 : UCIP_FA_2018_27004_49862.jpg



Heavy vegetation at inlet on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	09/26/2018 09/26/2018	Bob Duffey

LM Start	2.35	Rating **	M	Issue No.	539 (cont)	
LM End	2.35	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			39.161002 °	39.161002 °	
				-122.912843 °	-122.912843 °	
DWR ID	21199					
Comment Code						
Inspector Comment						
FS_ID:27004 DS_ID:21199 EP_NO: 11460 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Heavy vegetation on LS at inlet should be removed. FIELD_STRUCT_DESC: 42-inch corrugated metal drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwall on both ends. (42-inch pipe [HLM 2.35] retained under Automatic Board Order (ABO) issued as Permit No. 11460, 1975 - Robert L. and Lavona Gentry). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 2.35)]. FS Date: 1/14/2014						

Photo 2 of 3 : UCIP_FA_2018_27004_49861.jpg



Concrete U-shaped headwall on WS berm.

LM Start	2.35	Rating **	M	Issue No.	539 (cont)
LM End	2.35	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2018_27004_49860.jpg



Concrete U-shaped headwall and flap gate on WS berm.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	09/26/2018 09/26/2018	Bob Duffey

LM Start	2.36	Rating **	M	Issue No.	14
LM End	2.36	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.161153°	39.161153°
				-122.912740°	-122.912740°
DWR ID	DWR_NA0009_01_s_2013_14				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : FA_2018_NA0009_3_14_20180905_00008.jpg



View of the vehicle erosion along the waterside slope.

LM Start	2.38	Rating **	M	Issue No.	15
LM End	2.41	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.161381 °	39.161708 °
				-122.912551 °	-122.912168 °
DWR ID	DWR_NA0009_01_s_2013_15				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
trim the trees to at least 5 feet above the ground for visibility and remove the vegetation from the slope.					

Photo 1 of 1 : FA_2018_NA0009_3_15_20180905_00009.jpg



Trim the trees up 5 feet to allow visibility.

LM Start	2.40	Rating **	M	Issue No.	16
LM End	2.40	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.161601°	39.161601°
				-122.912303°	-122.912303°
DWR ID	DWR_NA0009_01_s_2013_16				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : FA_2018_NA0009_3_16_20180905_00010.jpg



View of the vehicle erosion along the waterside slope.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	09/26/2018 09/26/2018	Bob Duffey

LM Start	2.42	Rating **	M	Issue No.	17
LM End	2.42	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.161802°	39.161802°
				-122.912020°	-122.912020°
DWR ID	DWR_NA0009_01_s_2013_17				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : FA_2018_NA0009_3_17_20180905_00011.jpg



View of the erosion caused by vehicle along the landside slope.

LM Start	2.48	Rating **	U	Issue No.	3
LM End	2.55	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.161615 °	39.160804 °
				-122.911733 °	-122.912536 °
DWR ID	DWR_NA0009_01_s_2012_3				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 2 : FA_2018_NA0009_3_3_20180905_00001.jpg



View of the vegetation along the landside slope.

LM Start	2.48	Rating **	U	Issue No.	3 (cont)
LM End	2.55	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : FA_2018_NA0009_3_3_20180905_00002.jpg



View of the vegetation along the landside slope.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	09/26/2018 09/26/2018	Bob Duffey

LM Start	2.60	Rating **	M	Issue No.	22
LM End	2.65	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.160190 °	39.159523 °
				-122.913039 °	-122.913402 °
DWR ID	DWR_NA0009_01_f_2016_22				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	2.95	Rating **	M	Issue No.	25
LM End	2.95	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.155301°	39.155301°
				-122.914633°	-122.914633°
DWR ID	DWR_NA0009_01_s_2016_25				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : FA_2018_NA0009_3_25_20180905_00013.jpg



Trim trees to 5' above levee slope (LS). 4/19/2016

LM Start	2.97	Rating **	M	Issue No.	12
LM End	2.97	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.154889 °	39.154889 °
				-122.914716 °	-122.914716 °
DWR ID	DWR_NA0009_01_f_2016_12				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Middle Creek	Left	3.35	09/26/2018 09/26/2018	Bob Duffey

LM Start	3.10	Rating **	M	Issue No.	32
LM End	3.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.153144 °	39.153144 °
				-122.914538 °	-122.914538 °
DWR ID	DWR_NA0009_01_s_2016_32				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	3.26	Rating **	M	Issue No.	534
LM End	3.26	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.150957 °	39.150957 °
				-122.913504 °	-122.913504 °
DWR ID	DWR_NA0009_01_s_2015_534				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

Photo 1 of 1 : FA_2018_NA0009_3_534_20180905_00017.jpg



Remove the trees from the landside toe.

LM Start	3.28	Rating **	M	Issue No.	19
LM End	3.28	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.150673 °	39.150673 °
				-122.913355 °	-122.913355 °
DWR ID	DWR_NA0009_01_f_2016_19				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Middle Creek	Left	3.35	09/26/2018 09/26/2018	Bob Duffey

LM Start	3.30	Rating **	M	Issue No.	20
LM End	3.30	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.150325 °	39.150325 °
				-122.913161 °	-122.913161 °
DWR ID	DWR_NA0009_01_f_2016_20				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	09/26/2018 09/26/2018	Bob Duffey

LM Start	0.02	Rating **	C	Issue No.	4
LM End	0.14	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.189540 °	39.187900 °
				-122.908065 °	-122.908655 °
DWR ID	DWR_NA0009_02_s _ 2013_4				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
The trees and undergrowth was cleaned up after the Lake County fire.					

No Photos

LM Start	0.08	Rating **	M	Issue No.	19
LM End	0.08	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.188772 °	39.188772 °
				-122.908465 °	-122.908465 °
DWR ID	DWR_NA0009_02_s _ 2014_19				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	09/26/2018 09/26/2018	Bob Duffey

LM Start	0.14	Rating **	A/W	Issue No.	33	
LM End	0.14	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			39.187919 °		39.187919 °
				-122.908631 °		-122.908631 °
DWR ID	21201					
Comment Code						
Inspector Comment						
FS_ID:27066						
DS_ID:21201						
EP_NO: 11485						
Repair Type: No Action Needed						
Crossing Status: Found						
UCIP Comments:						
FIELD_STRUCT_DESC: 42-inch corrugated metal drainage pipe through the levee, 8.5 feet below the crown. Flap gate on the waterside (WS). Concrete headwalls on both ends. (42-inch pipe [HLM 0.13] retained under Automatic Board Order (ABO) issued as Permit No. 11485, 1975 - John and Vivian Strickfaden). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 0.13)].						
FS Date: 1/14/2014						

LM Start	0.14	Rating **	A/W	Issue No.	33 (cont)
LM End	0.14	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2018_27066_50049.jpg



Pipe and headwall visible at LS toe in drainage swale.

Photo 2 of 3 : UCIP_FA_2018_27066_50048.jpg



Pipe and headwall visible at LS toe in drainage swale.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	09/26/2018 09/26/2018	Bob Duffey

LM Start	0.14	Rating **	A/W	Issue No.	33 (cont)	
LM End	0.14	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			39.187919 °	39.187919 °	
				-122.908631 °	-122.908631 °	
DWR ID	21201					
Comment Code						
Inspector Comment						
FS_ID:27066 DS_ID:21201 EP_NO: 11485 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 42-inch corrugated metal drainage pipe through the levee, 8.5 feet below the crown. Flap gate on the waterside (WS). Concrete headwalls on both ends. (42-inch pipe [HLM 0.13] retained under Automatic Board Order (ABO) issued as Permit No. 11485, 1975 - John and Vivian Strickfaden). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 0.13)]. FS Date: 1/14/2014						

Photo 3 of 3 : UCIP_FA_2018_27066_50047.jpg



Pipe with some sediment at flowline.

LM Start	0.24	Rating **	A/W	Issue No.	34
LM End	0.24	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.186794 °	39.186794 °
				-122.909413 °	-122.909413 °
DWR ID	21204				
Comment Code					
Inspector Comment					
FS_ID:27184					
DS_ID:21204					
EP_NO: 11484					
Repair Type: No Action Needed					
Crossing Status: Found					
UCIP Comments:					
FIELD_STRUCT_DESC: 36-inch corrugated metal drainage pipe through the levee, 6 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwalls on both ends. (36-inch pipe [HLM 0.23] retained under Automatic Board Order (ABO) issued as Permit No. 11484, 1975 - Rodney Snow). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 0.23)].					
FS Date: 1/14/2014					

Photo 1 of 3 : UCIP_FA_2018_27184_50322.jpg



Concrete headwall and pipe on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	09/26/2018 09/26/2018	Bob Duffey

LM Start	0.24	Rating **	A/W	Issue No.	34 (cont)	
LM End	0.24	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			39.186794 °		39.186794 °
				-122.909413 °		-122.909413 °
DWR ID	21204					
Comment Code						
Inspector Comment						
FS_ID:27184 DS_ID:21204 EP_NO: 11484 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 36-inch corrugated metal drainage pipe through the levee, 6 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwalls on both ends. (36-inch pipe [HLM 0.23] retained under Automatic Board Order (ABO) issued as Permit No. 11484, 1975 - Rodney Snow). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 0.23)]. FS Date: 1/14/2014						

Photo 2 of 3 : UCIP_FA_2018_27184_50321.jpg



Pipe at inlet.

LM Start	0.24	Rating **	A/W	Issue No.	34 (cont)
LM End	0.24	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2018_27184_50320.jpg



Flapgate and concrete headwall on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	09/26/2018 09/26/2018	Bob Duffey

LM Start	0.24	Rating **	M	Issue No.	9
LM End	0.27	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.186739 °	39.186389 °
				-122.909436 °	-122.909821 °
DWR ID	DWR_NA0009_02_s_2013_9				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : FA_2018_NA0009_4_9_20180905_00006.jpg



View of the overgrown trees and vegetation at the landside toe.

LM Start	0.38	Rating **	M	Issue No.	29
LM End	0.38	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.185208 °	39.185208 °
				-122.911065 °	-122.911065 °
DWR ID	DWR_NA0009_02_f_2018_29				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Trim and thin the trees up at least 5 feet to allow visibility.					

Photo 1 of 1 : FA_2018_NA0009_4_29_20181009_00050.jpg



View of the trees along the landside slope and toe.

* Location
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

** Rating
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	09/26/2018 09/26/2018	Bob Duffey

LM Start	0.39	Rating **	A/W	Issue No.	35
LM End	0.39	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.185174 °	39.185174 °
				-122.911171 °	-122.911171 °
DWR ID	21206				
Comment Code					
Inspector Comment					
FS_ID:27192					
DS_ID:21206					
EP_NO: 11478					
Repair Type: No Action Needed					
Crossing Status: Found					
UCIP Comments:					
FIELD_STRUCT_DESC: 42-inch corrugated metal drainage pipe through the levee, 7.7 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwalls on both ends. Grouted spillway over revetment on bank. (42-inch pipe [HLM 0.38] retained under Automatic Board Order (ABO) issued as Permit No. 11478, 1975 - William D. and Dorothy L. Allison). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 0.38)].					
FS Date: 1/14/2014					

LM Start	0.39	Rating **	A/W	Issue No.	35 (cont)
LM End	0.39	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2018_27192_50326.jpg



Pipe and concrete headwall at LS toe.

Photo 2 of 3 : UCIP_FA_2018_27192_50325.jpg



Flapgate and headwall off WS toe at berms edge.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	09/26/2018 09/26/2018	Bob Duffey

LM Start	0.39	Rating **	A/W	Issue No.	35 (cont)	
LM End	0.39	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			39.185174 °		39.185174 °
				-122.911171 °		-122.911171 °
DWR ID	21206					
Comment Code						
Inspector Comment						
FS_ID:27192						
DS_ID:21206						
EP_NO: 11478						
Repair Type: No Action Needed						
Crossing Status: Found						
UCIP Comments:						
FIELD_STRUCT_DESC: 42-inch corrugated metal drainage pipe through the levee, 7.7 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwalls on both ends. Grouted spillway over revetment on bank. (42-inch pipe [HLM 0.38] retained under Automatic Board Order (ABO) issued as Permit No. 11478, 1975 - William D. and Dorothy L. Allison). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 0.38)].						
FS Date: 1/14/2014						

Photo 3 of 3 : UCIP_FA_2018_27192_50324.jpg



Pipe and concrete headwall at LS toe.

LM Start	0.48	Rating **	A/W	Issue No.	36
LM End	0.48	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.184126 °	39.184126 °
				-122.912118 °	-122.912118 °
DWR ID	21208				
Comment Code					
Inspector Comment					
FS_ID:27199					
DS_ID:21208					
EP_NO: 11480					
Repair Type: No Action Needed					
Crossing Status: Found					
UCIP Comments:					
FIELD_STRUCT_DESC: 42-inch corrugated metal drainage pipe through the levee, 7 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwalls on both ends. (42-inch pipe [HLM 0.47] retained under Automatic Board Order (ABO) issued as Permit No. 11480, 1975 - Jose G. and Dora Moto). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 0.47)].					
FS Date: 1/14/2014					

Photo 1 of 3 : UCIP_FA_2018_27199_50389.jpg



Concrete headwall on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	09/26/2018 09/26/2018	Bob Duffey

LM Start	0.48	Rating **	A/W	Issue No.	36 (cont)	
LM End	0.48	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			39.184126 °		39.184126 °
				-122.912118 °		-122.912118 °
DWR ID	21208					
Comment Code						
Inspector Comment						
FS_ID:27199						
DS_ID:21208						
EP_NO: 11480						
Repair Type: No Action Needed						
Crossing Status: Found						
UCIP Comments:						
FIELD_STRUCT_DESC: 42-inch corrugated metal drainage pipe through the levee, 7 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwalls on both ends. (42-inch pipe [HLM 0.47] retained under Automatic Board Order (ABO) issued as Permit No. 11480, 1975 - Jose G. and Dora Moto). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 0.47)].						
FS Date: 1/14/2014						

Photo 2 of 3 : UCIP_FA_2018_27199_50388.jpg



Pipe and concrete headwall on LS toe.

LM Start	0.48	Rating **	A/W	Issue No.	36 (cont)
LM End	0.48	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2018_27199_50387.jpg



Concrete headwall and flapgate visible on waterside berm

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	09/26/2018 09/26/2018	Bob Duffey

LM Start	0.49	Rating **	M	Issue No.	20
LM End	0.49	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.184001°	39.184001°
				-122.912139°	-122.912140°
DWR ID	DWR_NA0009_02_s_2016_20				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Remove large downed pine tree branch on LS toe.					

Photo 1 of 1 : FA_2018_NA0009_4_20_20180905_00010.jpg



View of the fallen tree branch on landside slope and toe.

LM Start	0.55	Rating **	M	Issue No.	39
LM End	0.55	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.183130 °	39.183130 °
				-122.912198 °	-122.912198 °
DWR ID	21210				
Comment Code					
Inspector Comment					
FS_ID:27208 DS_ID:21210 EP_NO: 11482 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Fence on LS slope creates access issue. FIELD_STRUCT_DESC: 36-inch corrugated metal drainage pipe through the levee, 9 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwalls on both ends. (36-inch pipe [HLM 0.54] retained under ABO No. 11482, 1975 - George R. and Gladys Schneider). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 0.54)]. FS Date: 1/14/2014					

Photo 1 of 3 : UCIP_FA_2018_27208_50411.jpg



Concrete headwall on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	09/26/2018 09/26/2018	Bob Duffey

LM Start	0.55	Rating **	M	Issue No.	39 (cont)	
LM End	0.55	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			39.183130 °		39.183130 °
				-122.912198 °		-122.912198 °
DWR ID	21210					
Comment Code						
Inspector Comment						
FS_ID:27208 DS_ID:21210 EP_NO: 11482 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Fence on LS slope creates access issue. FIELD_STRUCT_DESC: 36-inch corrugated metal drainage pipe through the levee, 9 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwalls on both ends. (36-inch pipe [HLM 0.54] retained under ABO No. 11482, 1975 - George R. and Gladys Schneider). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 0.54)]. FS Date: 1/14/2014						

LM Start	0.55	Rating **	M	Issue No.	39 (cont)
LM End	0.55	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2018_27208_50410.jpg



Flapgate and concrete headwall on WS berm.

Photo 3 of 3 : UCIP_FA_2018_27208_50409.jpg



Flapgate and concrete headwall on WS berm.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	09/26/2018 09/26/2018	Bob Duffey

LM Start	0.56	Rating **	M	Issue No.	30
LM End	0.56	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.182940 °	39.182940 °
				-122.912142 °	-122.912142 °
DWR ID	DWR_NA0009_02_s_2017_30				
Comment Code					
PR : Prunings					
Inspector Comment					
Remove the prunings from the waterside slope.					

Photo 1 of 1 : FA_2018_NA0009_4_30_20180905_00012.jpg



View of the prunings along the waterside slope.

LM Start	0.97	Rating **	M	Issue No.	7
LM End	0.98	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.177218 °	39.176992 °
				-122.913673 °	-122.913642 °
DWR ID	DWR_NA0009_02_s_2012_7				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : FA_2018_NA0009_4_7_20180905_00005.jpg



View of the vegetation at the landside toe.

LM Start	0.99	Rating **	M	Issue No.	3
LM End	0.99	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.176835 °	39.176835 °
				-122.913558 °	-122.913558 °
DWR ID	DWR_NA0009_02_s_2012_3				
Comment Code					
TR : Tree or limb					
Inspector Comment					

Photo 1 of 1 : FA_2018_NA0009_4_3_20180905_00003.jpg



View of the tree prunings on the W/S toe.

*** Location**

LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	09/26/2018 09/26/2018	Bob Duffey

LM Start	1.03	Rating **	A/W	Issue No.	40	
LM End	1.03	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			39.176366 °		39.176366 °
				-122.913509 °		-122.913509 °
DWR ID	21211					
Comment Code						
Inspector Comment						
FS_ID:27583 DS_ID:21211 EP_NO: 11486 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 36-inch corrugated metal drainage pipe through the levee, 7.3 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwalls on both ends. Splash apron broken off on the WS end. (36-inch pipe [HLM 1.08] retained under Automatic Board Order (ABO) issued as Permit No. 11486, 1975 - Mary Truesdell). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 1.08) Drawing No. CC-4-4-29]. FS Date: 1/22/2014						

LM Start	1.03	Rating **	A/W	Issue No.	40 (cont)
LM End	1.03	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2018_27583_51202.jpg



Pipe visible at concrete inlet on LS toe.

Photo 2 of 3 : UCIP_FA_2018_27583_51201.jpg



Pipe as visible from LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	09/26/2018 09/26/2018	Bob Duffey

LM Start	1.03	Rating **	A/W	Issue No.	40 (cont)	
LM End	1.03	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			39.176366 °	39.176366 °	
				-122.913509 °	-122.913509 °	
DWR ID	21211					
Comment Code						
Inspector Comment						
FS_ID:27583 DS_ID:21211 EP_NO: 11486 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 36-inch corrugated metal drainage pipe through the levee, 7.3 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwalls on both ends. Splash apron broken off on the WS end. (36-inch pipe [HLM 1.08] retained under Automatic Board Order (ABO) issued as Permit No. 11486, 1975 - Mary Truesdell). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 1.08) Drawing No. CC-4-4-29]. FS Date: 1/22/2014						

Photo 3 of 3 : UCIP_FA_2018_27583_51200.jpg



Pipe visible on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	09/26/2018 09/26/2018	Bob Duffey

LM Start	1.16	Rating **	M	Issue No.	41
LM End	1.16	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.174370 °	39.174370 °
				-122.913543 °	-122.913543 °
DWR ID	21212				
Comment Code					
Inspector Comment					
FS_ID:42994 DS_ID:21212 EP_NO: 11483 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe appears abandoned and if so, should be done so properly. Debris blocking flapgate at outlet. FIELD_STRUCT_DESC: *ABANDONED* 30-inch corrugated metal drainage pipe through the levee, 17.8 feet below the crown. Slide gate in 44-inch corrugated metal riser unit on the waterside (WS) slope. Flap gate on the WS end at concrete headwall. 6-foot by 8-foot concrete sump at the landside (LS) toe. (30-inch pipe [HLM 1.22] retained under Automatic Board Order (ABO) issued as Permit No. 11483, 1975 - Edward M. and Mildred E. Seely). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 1.22)]. FS Date: 1/22/2014					

LM Start	1.16	Rating **	M	Issue No.	41 (cont)
LM End	1.16	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2018_42994_51214.jpg



Slide gate in 44-inch CMP riser on WS shoulder.

Photo 2 of 3 : UCIP_FA_2018_42994_51213.jpg



6'X8' concrete sump filled in with soil, visible at LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	09/26/2018 09/26/2018	Bob Duffey

LM Start	1.16	Rating **	M	Issue No.	41 (cont)	
LM End	1.16	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			39.174370 °	39.174370 °	
				-122.913543 °	-122.913543 °	
DWR ID	21212					
Comment Code						
Inspector Comment						
FS_ID:42994						
DS_ID:21212						
EP_NO: 11483						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Pipe appears abandoned and if so, should be done so properly. Debris blocking flapgate at outlet.						
FIELD_STRUCT_DESC: *ABANDONED* 30-inch corrugated metal drainage pipe through the levee, 17.8 feet below the crown. Slide gate in 44-inch corrugated metal riser unit on the waterside (WS) slope. Flap gate on the WS end at concrete headwall. 6-foot by 8-foot concrete sump at the landside (LS) toe. (30-inch pipe [HLM 1.22] retained under Automatic Board Order (ABO) issued as Permit No. 11483, 1975 - Edward M. and Mildred E. Seely). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 1.22)].						
FS Date: 1/22/2014						

Photo 3 of 3 : UCIP_FA_2018_42994_51215.jpg



Flapgate and concrete headwall visible off WS berm.

LM Start	1.92	Rating **	M	Issue No.	18
LM End	1.92	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.163912 °	39.163912 °
				-122.916695 °	-122.916695 °
DWR ID	DWR_NA0009_02_s_2016_18				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Trim willow trees.					

Photo 1 of 1 : FA_2018_NA0009_4_18_20180905_00009.jpg



View of the overgrown willow trees at the landside levee slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	09/26/2018 09/26/2018	Bob Duffey

LM Start	2.33	Rating **	A	Issue No.	32
LM End	2.33	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.158490 °	39.158490 °
				-122.914688 °	-122.914688 °
DWR ID	DWR_NA0009_02_f_2018_32				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The vegetation was removed from both slopes.					

Photo 1 of 1 : FA_2018_NA0009_4_32_20181009_00052.jpg



View of no vegetation on both slopes.

LM Start	2.84	Rating **	M	Issue No.	46
LM End	2.84	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.151257°	39.151257°
				-122.914908°	-122.914908°
DWR ID	21215				
Comment Code					
Inspector Comment					
FS_ID:27630					
DS_ID:21215					
EP_NO: 11481					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Soil partially blocking inlet and outlet.					
FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 12 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwalls on both ends. (24-inch pipe [HLM 2.93] retained under Automatic Board Order (ABO) issued as Permit No. 11481, 1975 - Dennis P. McCarthy). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 2.93)].					
FS Date: 1/22/2014					

Photo 1 of 3 : UCIP_FA_2018_27630_51283.jpg



Concrete headwall and pipe visible at LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Middle Creek	Right	2.66	09/26/2018 09/26/2018	Bob Duffey

LM Start	2.84	Rating **	M	Issue No.	46 (cont)
LM End	2.84	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.151257 °	39.151257 °
				-122.914908 °	-122.914908 °
DWR ID	21215				
Comment Code					
Inspector Comment					
FS_ID:27630 DS_ID:21215 EP_NO: 11481 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Soil partially blocking inlet and outlet. FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 12 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwalls on both ends. (24-inch pipe [HLM 2.93] retained under Automatic Board Order (ABO) issued as Permit No. 11481, 1975 - Dennis P. McCarthy). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 2.93)]. FS Date: 1/22/2014					

Photo 2 of 3 : UCIP_FA_2018_27630_51282.jpg



Concrete headwall and flapgate visible at WS berm.

LM Start	2.84	Rating **	M	Issue No.	46 (cont)
LM End	2.84	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2018_27630_51281.jpg



Concrete headwall and pipe visible at LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	09/26/2018 09/26/2018	Bob Duffey

LM Start	0.32	Rating **	A	Issue No.	20
LM End	0.32	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.151917 °	39.151917 °
				-122.917188 °	-122.917188 °
DWR ID	DWR_NA0009_03_f_2018_20				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The vegetation was removed from both slopes.					

Photo 1 of 1 : FA_2018_NA0009_5_20_20181009_00042.jpg



View of no vegetation on both slopes.

LM Start	0.49	Rating **	M	Issue No.	9
LM End	0.49	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.154195°	39.154195°
				-122.918134°	-122.918134°
DWR ID	DWR_NA0009_03_s_2016_9				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

Photo 1 of 1 : FA_2018_NA0009_5_9_20180905_00001.jpg



View of the overgrown trees and vegetation at the landside toe.

LM Start	0.49	Rating **	M	Issue No.	8
LM End	0.49	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.154197°	39.154197°
				-122.918163°	-122.918163°
DWR ID	DWR_NA0009_03_f_2016_8				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	09/26/2018 09/26/2018	Bob Duffey

LM Start	0.54	Rating **	M	Issue No.	10
LM End	0.54	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.154706 °	39.154706 °
				-122.918622 °	-122.918622 °
DWR ID	DWR_NA0009_03_s_2016_10				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	0.54	Rating **	M	Issue No.	21	
LM End	0.54	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			39.154786 °		39.154786 °
				-122.918703 °		-122.918703 °
DWR ID	21217					
Comment Code						
Inspector Comment						
FS_ID:27863 DS_ID:21217 EP_NO: 11492 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Vegetation at inlet and wooden box failing at LS toe. FIELD_STRUCT_DESC: 42-inch corrugated metal drainage pipe through the levee, 12 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwalls on both ends with a wooden retaining wall drop inlet at the landside (LS) toe. (42-inch pipe [HLM 0.55] retained under Automatic Board Order (ABO) issued as Permit No. 11492, 1975 - Dennis P. McCarthy). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 0.55) Drawing No. CC-4-4-29]. FS Date: 1/22/2014						

Photo 1 of 3 : UCIP_FA_2018_27863_51542.jpg



Pipe visible at LS toe covered with vegetation.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	09/26/2018 09/26/2018	Bob Duffey

LM Start	0.54	Rating **	M	Issue No.	21 (cont)	
LM End	0.54	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			39.154786 °		39.154786 °
				-122.918703 °		-122.918703 °
DWR ID	21217					
Comment Code						
Inspector Comment						
FS_ID:27863 DS_ID:21217 EP_NO: 11492 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Vegetation at inlet and wooden box failing at LS toe. FIELD_STRUCT_DESC: 42-inch corrugated metal drainage pipe through the levee, 12 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwalls on both ends with a wooden retaining wall drop inlet at the landside (LS) toe. (42-inch pipe [HLM 0.55] retained under Automatic Board Order (ABO) issued as Permit No. 11492, 1975 - Dennis P. McCarthy). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 0.55) Drawing No. CC-4-4-29]. FS Date: 1/22/2014						

Photo 2 of 3 : UCIP_FA_2018_27863_51541.jpg



Concrete headwall and flapgate visible at WS berm.

LM Start	0.54	Rating **	M	Issue No.	21 (cont)
LM End	0.54	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2018_27863_51540.jpg



Concrete headwall and flapgate visible at WS berm.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	09/26/2018 09/26/2018	Bob Duffey

LM Start	0.77	Rating **	M	Issue No.	23	
LM End	0.77	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			39.157759 °		39.157759 °
				-122.920301 °		-122.920301 °
DWR ID	21220					
Comment Code						
Inspector Comment						
FS_ID:27892						
DS_ID:21220						
EP_NO: 11492						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Some sediment buildup at inlet.						
FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 10 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwalls on both ends. Concrete spillway on the WS slope to bottom of channel. (24-inch pipe [HLM 0.79] retained under Automatic Board Order (ABO) issued as Permit No. 11492, 1975 - Dennis P. McCarthy). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 0.79)].						
FS Date: 1/22/2014						

Photo 1 of 3 : UCIP_FA_2018_27892_51591.jpg



Concrete headwall visible next to concrete standpipe on LS toe.

LM Start	0.77	Rating **	M	Issue No.	23 (cont)
LM End	0.77	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2018_27892_51590.jpg



Concrete outfall visible off WS berm.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	09/26/2018 09/26/2018	Bob Duffey

LM Start	0.92	Rating **	A/W	Issue No.	24
LM End	0.92	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.159628 °	39.159628 °
				-122.920853 °	-122.920853 °
DWR ID	21247				
Comment Code					
Inspector Comment					
FS_ID:27893 DS_ID:21247 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: *ABANDONED* 36-inch corrugated metal drainage pipe through the levee, 10 feet below the crown. Plugged with concrete. [Additional Reference(s): USACE Sacramento O&M Manual 506.2, August 1961, (HLM 0.90)]. FS Date: 1/22/2014					

Photo 1 of 3 : UCIP_FA_2018_27893_51595.jpg



Plugged pipe visible on WS toe of roadway.

LM Start	0.92	Rating **	A/W	Issue No.	24 (cont)
LM End	0.92	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2018_27893_51594.jpg



Roadway marker 52.29 on LS and WS shoulder mark pipe location on crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	09/26/2018 09/26/2018	Bob Duffey

LM Start	0.92	Rating **	A/W	Issue No.	24 (cont)	
LM End	0.92	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			39.159628 °	39.159628 °	
				-122.920853 °	-122.920853 °	
DWR ID	21247					
Comment Code						
Inspector Comment						
FS_ID:27893 DS_ID:21247 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: *ABANDONED* 36-inch corrugated metal drainage pipe through the levee, 10 feet below the crown. Plugged with concrete. [Additional Reference(s): USACE Sacramento O&M Manual 506.2, August 1961, (HLM 0.90)]. FS Date: 1/22/2014						

Photo 3 of 3 : UCIP_FA_2018_27893_51596.jpg



Concrete headwall and plugged pipe visible on LS toe of roadway.

LM Start	0.93	Rating **	M	Issue No.	25	
LM End	0.93	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			39.159736 °		39.159736 °
				-122.921042 °		-122.921042 °
DWR ID	21221					
Comment Code						
Inspector Comment						
FS_ID:27894 DS_ID:21221 EP_NO: 11488 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Concrete headwall on WS berm is being undermined. 2-foot of scour under headwall. FIELD_STRUCT_DESC: 42-inch corrugated metal drainage pipe through the levee, 16.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwalls on both ends. (42-inch pipe [HLM 0.94] retained under Automatic Board Order (ABO) issued as Permit No. 11488, 1975 - Robert F. and Mary E. Wheeler). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 0.94)]. FS Date: 1/22/2014						

Photo 1 of 3 : UCIP_FA_2018_27894_51599.jpg



Flapgate and headwall off WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	09/26/2018 09/26/2018	Bob Duffey

LM Start	0.93	Rating **	M	Issue No.	25 (cont)	
LM End	0.93	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			39.159736 °		39.159736 °
				-122.921042 °		-122.921042 °
DWR ID	21221					
Comment Code						
Inspector Comment						
FS_ID:27894 DS_ID:21221 EP_NO: 11488 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Concrete headwall on WS berm is being undermined. 2-foot of scour under headwall. FIELD_STRUCT_DESC: 42-inch corrugated metal drainage pipe through the levee, 16.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwalls on both ends. (42-inch pipe [HLM 0.94] retained under Automatic Board Order (ABO) issued as Permit No. 11488, 1975 - Robert F. and Mary E. Wheeler). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 0.94)]. FS Date: 1/22/2014						

Photo 2 of 3 : UCIP_FA_2018_27894_51598.jpg



Concrete headwall on LS toe.

LM Start	0.93	Rating **	M	Issue No.	25 (cont)
LM End	0.93	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2018_27894_51597.jpg



Concrete headwall on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	09/26/2018 09/26/2018	Bob Duffey

LM Start	0.99	Rating **	M	Issue No.	27
LM End	0.99	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.160117 °	39.160117 °
				-122.922144 °	-122.922144 °
DWR ID	21222				
Comment Code					
Inspector Comment					
FS_ID:27943 DS_ID:21222 EP_NO: 11488 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Some vegetation buildup at inlet and outlet. FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 14 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwalls on both ends. (24-inch pipe [HLM 1.01] retained under Automatic Board Order (ABO) issued as Permit No. 11488, 1975 - Robert F. and Mary E. Wheeler). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 1.01)]. FS Date: 1/22/2014					

LM Start	0.99	Rating **	M	Issue No.	27 (cont)
LM End	0.99	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2018_27943_51642.jpg



Concrete Headwall on WS berm.

Photo 2 of 3 : UCIP_FA_2018_27943_51641.jpg



Headwall and flapgate on WS berm.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	09/26/2018 09/26/2018	Bob Duffey

LM Start	0.99	Rating **	M	Issue No.	27 (cont)	
LM End	0.99	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			39.160117 °		39.160117 °
				-122.922144 °		-122.922144 °
DWR ID	21222					
Comment Code						
Inspector Comment						
FS_ID:27943 DS_ID:21222 EP_NO: 11488 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Some vegetation buildup at inlet and outlet. FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 14 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwalls on both ends. (24-inch pipe [HLM 1.01] retained under Automatic Board Order (ABO) issued as Permit No. 11488, 1975 - Robert F. and Mary E. Wheeler). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 1.01)]. FS Date: 1/22/2014						

Photo 3 of 3 : UCIP_FA_2018_27943_51640.jpg



Pipe location marked on crown by flasher.

LM Start	1.07	Rating **	M	Issue No.	28	
LM End	1.07	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			39.159803 °		39.159803 °
				-122.923501 °		-122.923501 °
DWR ID	21223					
Comment Code						
Inspector Comment						
FS_ID:27944 DS_ID:21223 EP_NO: 11489 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Some sedimentation buildup at inlet and through pipe. FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 12.5 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwalls on both ends. (24-inch pipe [HLM 1.09] retained under Automatic Board Order (ABO) issued as Permit No. 11489, 1975 - Bank of Upper Lake). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 1.09)]. FS Date: 1/22/2014						

Photo 1 of 3 : UCIP_FA_2018_27944_51646.jpg



Flasher on crown marks pipe location.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	09/26/2018 09/26/2018	Bob Duffey

LM Start	1.07	Rating **	M	Issue No.	28 (cont)	
LM End	1.07	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			39.159803 °	39.159803 °	
				-122.923501 °	-122.923501 °	
DWR ID	21223					
Comment Code						
Inspector Comment						
FS_ID:27944						
DS_ID:21223						
EP_NO: 11489						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Some sedimentation buildup at inlet and through pipe.						
FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe						
through the levee, 12.5 feet below the crown. Flap gate on the						
waterside (WS) end. Concrete headwalls on both ends. (24-inch pipe						
[HLM 1.09] retained under Automatic Board Order (ABO) issued as						
Permit No. 11489, 1975 - Bank of Upper Lake). [Additional						
Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M						
Manual 506.2, August 1961, (HLM 1.09)].						
FS Date: 1/22/2014						

Photo 2 of 3 : UCIP_FA_2018_27944_51645.jpg



Flapgate and headwall visible on WS toe.

LM Start	1.07	Rating **	M	Issue No.	28 (cont)
LM End	1.07	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2018_27944_51644.jpg



Concrete headwall on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	09/26/2018 09/26/2018	Bob Duffey

LM Start	1.07	Rating **	U	Issue No.	12
LM End	1.13	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.159787 °	39.159616 °
				-122.923517 °	-122.924645 °
DWR ID	DWR_NA0009_03_s_2016_12				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Dense vegetation growing on fence blocks visibility and access.					

Photo 1 of 1 : FA_2018_NA0009_5_12_20180905_00003.jpg



5/2/2016: Dense bushes and vines covering fence along vehicle junk yard.

LM Start	1.23	Rating **	A/W	Issue No.	29
LM End	1.23	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.160359 °	39.160359 °
				-122.926188 °	-122.926188 °
DWR ID	21224				
Comment Code					
Inspector Comment					
FS_ID:27963 DS_ID:21224 EP_NO: 11489 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 1 of 4: 36-inch corrugated metal drainage pipe through the levee, 15.2 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwalls on both ends. (four 36-inch pipes [HLM 1.25] retained under Automatic Board Order (ABO) issued as Permit No. 11489, 1975 - Bank of Upper Lake). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 1.25)]. FS Date: 1/22/2014					

Photo 1 of 3 : UCIP_FA_2018_27963_51662.jpg



Concrete headwall on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	09/26/2018 09/26/2018	Bob Duffey

LM Start	1.23	Rating **	A/W	Issue No.	29 (cont)	
LM End	1.23	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			39.160359 °	39.160359 °	
				-122.926188 °	-122.926188 °	
DWR ID	21224					
Comment Code						
Inspector Comment						
FS_ID:27963 DS_ID:21224 EP_NO: 11489 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 1 of 4: 36-inch corrugated metal drainage pipe through the levee, 15.2 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwalls on both ends. (four 36-inch pipes [HLM 1.25] retained under Automatic Board Order (ABO) issued as Permit No. 11489, 1975 - Bank of Upper Lake). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 1.25)]. FS Date: 1/22/2014						

Photo 2 of 3 : UCIP_FA_2018_27963_51661.jpg



Pipe on LS toe.

LM Start	1.23	Rating **	A/W	Issue No.	29 (cont)
LM End	1.23	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2018_27963_51660.jpg



Flapgate on headwall at WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	09/26/2018 09/26/2018	Bob Duffey

LM Start	1.23	Rating **	A/W	Issue No.	30
LM End	1.23	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.160369 °	39.160369 °
				-122.926208 °	-122.926208 °
DWR ID	21237				
Comment Code					
Inspector Comment					
FS_ID:27964 DS_ID:21237 EP_NO: 11489 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 2 of 4: 36-inch corrugated metal drainage pipe through the levee, 15.2 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwalls on both ends. (four 36-inch pipes [HLM 1.25] retained under Automatic Board Order (ABO) issued as Permit No. 11489, 1975 - Bank of Upper Lake). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 1.25)]. FS Date: 1/22/2014					

LM Start	1.23	Rating **	A/W	Issue No.	30 (cont)
LM End	1.23	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2018_27964_51665.jpg



Pipe and headdwall on LS toe.

Photo 2 of 3 : UCIP_FA_2018_27964_51664.jpg



Pipe from LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	09/26/2018 09/26/2018	Bob Duffey

LM Start	1.23	Rating **	A/W	Issue No.	30 (cont)	
LM End	1.23	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			39.160369 °		39.160369 °
				-122.926208 °		-122.926208 °
DWR ID	21237					
Comment Code						
Inspector Comment						
FS_ID:27964 DS_ID:21237 EP_NO: 11489 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 2 of 4: 36-inch corrugated metal drainage pipe through the levee, 15.2 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwalls on both ends. (four 36-inch pipes [HLM 1.25] retained under Automatic Board Order (ABO) issued as Permit No. 11489, 1975 - Bank of Upper Lake). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 1.25)]. FS Date: 1/22/2014						

Photo 3 of 3 : UCIP_FA_2018_27964_51663.jpg



Flapgate and headwall on WS toe.

LM Start	1.24	Rating **	A/W	Issue No.	31	
LM End	1.24	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			39.160377 °		39.160377 °
				-122.926223 °		-122.926223 °
DWR ID	21238					
Comment Code						
Inspector Comment						
FS_ID:27965 DS_ID:21238 EP_NO: 11489 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 3 of 4: 36-inch corrugated metal drainage pipe through the levee, 15.2 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwalls on both ends. (four 36-inch pipes [HLM 1.25] retained under Automatic Board Order (ABO) issued as Permit No. 11489, 1975 - Bank of Upper Lake). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 1.25)]. FS Date: 1/22/2014						

Photo 1 of 3 : UCIP_FA_2018_27965_51668.jpg



Pipe and concrete headwall on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	09/26/2018 09/26/2018	Bob Duffey

LM Start	1.24	Rating **	A/W	Issue No.	31 (cont)	
LM End	1.24	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			39.160377 °		39.160377 °
				-122.926223 °		-122.926223 °
DWR ID	21238					
Comment Code						
Inspector Comment						
FS_ID:27965 DS_ID:21238 EP_NO: 11489 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 3 of 4: 36-inch corrugated metal drainage pipe through the levee, 15.2 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwalls on both ends. (four 36-inch pipes [HLM 1.25] retained under Automatic Board Order (ABO) issued as Permit No. 11489, 1975 - Bank of Upper Lake). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 1.25)]. FS Date: 1/22/2014						

LM Start	1.24	Rating **	A/W	Issue No.	31 (cont)
LM End	1.24	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2018_27965_51667.jpg



Pipe from LS toe.

Photo 3 of 3 : UCIP_FA_2018_27965_51666.jpg



Flapgate on headwall at WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	09/26/2018 09/26/2018	Bob Duffey

LM Start	1.24	Rating **	A/W	Issue No.	32	
LM End	1.24	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			39.160386 °		39.160386 °
				-122.926239 °		-122.926239 °
DWR ID	21239					
Comment Code						
Inspector Comment						
FS_ID:27967 DS_ID:21239 EP_NO: 11489 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 4 of 4: 36-inch corrugated metal drainage pipe through the levee, 15.2 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwalls on both ends. (four 36-inch pipes [HLM 1.25] retained under Automatic Board Order (ABO) issued as Permit No. 11489, 1975 - Bank of Upper Lake). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 1.25)]. FS Date: 1/22/2014						

Photo 1 of 3 : UCIP_FA_2018_27967_51671.jpg



Pipe and concrete headwall on LS toe.

LM Start	1.24	Rating **	A/W	Issue No.	32 (cont)
LM End	1.24	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2018_27967_51670.jpg



Pipe from LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Scotts Creek	Left	1.36	09/26/2018 09/26/2018	Bob Duffey

LM Start	1.24	Rating **	A/W	Issue No.	32 (cont)	
LM End	1.24	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			39.160386 °		39.160386 °
				-122.926239 °		-122.926239 °
DWR ID	21239					
Comment Code						
Inspector Comment						
FS_ID:27967 DS_ID:21239 EP_NO: 11489 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 4 of 4: 36-inch corrugated metal drainage pipe through the levee, 15.2 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwalls on both ends. (four 36-inch pipes [HLM 1.25] retained under Automatic Board Order (ABO) issued as Permit No. 11489, 1975 - Bank of Upper Lake). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 1.25)]. FS Date: 1/22/2014						

Photo 3 of 3 : UCIP_FA_2018_27967_51669.jpg



Flapgate on concrete headwall on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Page, Alley and Clover Creek Diversion	Right	1.49	09/26/2018 09/26/2018	Bob Duffey

LM Start	0.14	Rating **	A/W	Issue No.	18
LM End	0.14	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.176422 °	39.176422 °
				-122.909978 °	-122.909978 °
DWR ID	21236				
Comment Code					
Inspector Comment					
FS_ID:26947					
DS_ID:21236					
EP_NO: 11499					
Repair Type: No Action Needed					
Crossing Status: Found					
UCIP Comments:					
FIELD_STRUCT_DESC: 1 of 2: 42-inch corrugated metal drainage pipe through the levee, 12 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwalls on both ends. (two 42-inch pipes [HLM 0.14] retained under Automatic Board Order (ABO) issued as Permit No. 11499, 1975 - Howard D. and Eunice A. Norton). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 0.14)].					
FS Date: 1/9/2014					

Photo 1 of 3 : UCIP_FA_2018_26947_49793.jpg



Concrete headwall visible on LS toe.

LM Start	0.14	Rating **	A/W	Issue No.	18 (cont)
LM End	0.14	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2018_26947_49792.jpg



Concrete headwall visible on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Page, Alley and Clover Creek Diversion	Right	1.49	09/26/2018 09/26/2018	Bob Duffey

LM Start	0.14	Rating **	A/W	Issue No.	18 (cont)	
LM End	0.14	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			39.176422°	39.176422°	
				-122.909978°	-122.909978°	
DWR ID	21236					
Comment Code						
Inspector Comment						
FS_ID:26947 DS_ID:21236 EP_NO: 11499 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 1 of 2: 42-inch corrugated metal drainage pipe through the levee, 12 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwalls on both ends. (two 42-inch pipes [HLM 0.14] retained under Automatic Board Order (ABO) issued as Permit No. 11499, 1975 - Howard D. and Eunice A. Norton). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 0.14)]. FS Date: 1/9/2014						

Photo 3 of 3 : UCIP_FA_2018_26947_49791.jpg



Concrete headwall visible on WS berm.

LM Start	0.14	Rating **	A/W	Issue No.	19
LM End	0.14	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.176419 °	39.176419 °
				-122.909954 °	-122.909954 °
DWR ID	21225				
Comment Code					
Inspector Comment					
FS_ID:26948					
DS_ID:21225					
EP_NO: 11499					
Repair Type: No Action Needed					
Crossing Status: Found					
UCIP Comments:					
FIELD_STRUCT_DESC: 2 of 2: 42-inch corrugated metal drainage pipe through the levee, 12 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwalls on both ends. (two 42-inch pipes [HLM 0.14] retained under Automatic Board Order (ABO) issued as Permit No. 11499, 1975 - Howard D. and Eunice A. Norton). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 0.14)].					
FS Date: 1/9/2014					

Photo 1 of 3 : UCIP_FA_2018_26948_49797.jpg



Concrete headwall and inlet visible on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Page, Alley and Clover Creek Diversion	Right	1.49	09/26/2018 09/26/2018	Bob Duffey

LM Start	0.14	Rating **	A/W	Issue No.	19 (cont)
LM End	0.14	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.176419 °	39.176419 °
				-122.909954 °	-122.909954 °
DWR ID	21225				
Comment Code					
Inspector Comment					
FS_ID:26948 DS_ID:21225 EP_NO: 11499 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 2 of 2: 42-inch corrugated metal drainage pipe through the levee, 12 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwalls on both ends. (two 42-inch pipes [HLM 0.14] retained under Automatic Board Order (ABO) issued as Permit No. 11499, 1975 - Howard D. and Eunice A. Norton). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 0.14). FS Date: 1/9/2014					

Photo 2 of 3 : UCIP_FA_2018_26948_49796.jpg



Concrete headwall and inlet visible on LS toe.

LM Start	0.14	Rating **	A/W	Issue No.	19 (cont)
LM End	0.14	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2018_26948_49795.jpg



Concrete headwall visible on toe of WS berm.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Page, Alley and Clover Creek Diversion	Right	1.49	09/26/2018 09/26/2018	Bob Duffey

LM Start	0.15	Rating **	M	Issue No.	17
LM End	0.15	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.176420 °	39.176420 °
				-122.909693 °	-122.909693 °
DWR ID	DWR_NA0009_04_s_2018_17				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Removed the trees from the landside slope.					

Photo 1 of 2 : FA_2018_NA0009_6_17_20180905_00007.jpg



View of the tree along the landside slope.

LM Start	0.15	Rating **	M	Issue No.	17 (cont)
LM End	0.15	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : FA_2018_NA0009_6_17_20181009_00024.jpg



LM Start	0.38	Rating **	A	Issue No.	9
LM End	0.38	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.176397 °	39.176397 °
				-122.905395 °	-122.905395 °
DWR ID	DWR_NA0009_04_f_2018_9				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
The vegetation was removed from waterside slopes.					

Photo 1 of 1 : FA_2018_NA0009_6_9_20181009_00023.jpg



View of no vegetation on waterside slopes.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Page, Alley and Clover Creek Diversion	Right	1.49	09/26/2018 09/26/2018	Bob Duffey

LM Start	0.74	Rating **	N	Issue No.	14
LM End	0.74	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.177678 °	39.177678 °
				-122.899097 °	-122.899097 °
DWR ID	DWR_NA0009_04_f_2016_14				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

No Photos

LM Start	0.75	Rating **	U	Issue No.	21
LM End	0.75	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.177676 °	39.177676 °
				-122.898917 °	-122.898917 °
DWR ID	21227				
Comment Code					
Inspector Comment					
FS_ID:53332 DS_ID:21227 EP_NO: 11501 Repair Type: Urgent Crossing Status: Found UCIP Comments: 9/6/2018 Same as last inspection; crossing remains Urgent because of pipe integrity (D. Sanoski - DWR UCIP).11/30/2016 Clover Creek has significant sediment build up that blocks the outlet. Crossing is still in use to drain water from LS to WS according to LMA representative, Scott Webb. (O. Magana - DWR UCIP)01/09/2014 Pipe rusted through at connection to flapgate. Good indication pipe may need replacement. Video inspection recommended. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) drainage pipe through the levee, 13.8 feet below the crown. Flap gate is located on the waterside (WS) end. Concrete headwalls located on both the WS and landside (LS) ends. (24-inch pipe [HLM 0.77] was retained under Automatic Board Order (ABO) issued as Permit No. 11501, 1975 - Sisevich). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual Unit 506.2, August 1961, (HLM 0.77)]. FS Date: 9/6/2018 3:49:00 PM					

Photo 1 of 3 : UCIP_FA_2018_53332_49754.jpg



Drainage canal at inlet on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Page, Alley and Clover Creek Diversion	Right	1.49	09/26/2018 09/26/2018	Bob Duffey

LM Start	0.75	Rating **	U	Issue No.	21 (cont)	
LM End	0.75	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			39.177676 °	39.177676 °	
				-122.898917 °	-122.898917 °	
DWR ID	21227					

Comment Code

Inspector Comment

FS_ID:53332
DS_ID:21227
EP_NO: 11501
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: 9/6/2018 Same as last inspection; crossing remains Urgent because of pipe integrity (D. Sanoski - DWR UCIP).11/30/2016 Clover Creek has significant sediment build up that blocks the outlet. Crossing is still in use to drain water from LS to WS according to LMA representative, Scott Webb. (O. Magana - DWR UCIP)01/09/2014 Pipe rusted through at connection to flapgate. Good indication pipe may need replacement. Video inspection recommended. (W. Wylie - DWR UCIP)
FIELD_STRUCT_DESC: 24-inch corrugated metal (CM) drainage pipe through the levee, 13.8 feet below the crown. Flap gate is located on the waterside (WS) end. Concrete headwalls located on both the WS and landside (LS) ends. (24-inch pipe [HLM 0.77] was retained under Automatic Board Order (ABO) issued as Permit No. 11501, 1975 - Sisevich). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual Unit 506.2, August 1961, (HLM 0.77)].
FS Date: 9/6/2018 3:49:00 PM

LM Start	0.75	Rating **	U	Issue No.	21 (cont)
LM End	0.75	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2018_53332_49753.jpg



Pipe and concrete headwall visible in drainage channel on LS toe.

Photo 3 of 3 : UCIP_FA_2018_53332_49752.jpg



Flapgate at concrete headwall on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Lake County Watershed Protection District

LM Start	0.99	Rating **	A/W	Issue No.	11 (cont)
LM End	1.00	Issue Type +	Ma	Location *	

$\frac{98}{10} = m$
 $\frac{91}{10} = b$
 $\frac{95}{10} = n$

A-B 700 x 200

Breite des Brücken-Auslasses
 $s + 2 \cdot b$

Wasser
Rückwasser
V

60 km/h
12.12.1912
12.12.1912
LVA/S

A wide, muddy river flows under a bridge with a metal guardrail. Bare trees and a cloudy sky are in the background.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Page, Alley and Clover Creek Diversion	Right	1.49	09/26/2018 09/26/2018	Bob Duffey

LM Start	1.19	Rating **	A/W	Issue No.	12
LM End	1.19	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.182082 °	39.182082 °
				-122.895062 °	-122.895062 °
DWR ID	DWR_NA0009_04_f_2017_12				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Remove the rodent holes from the landside toe.					

Photo 1 of 1 : FA_2018_NA0009_6_12_20180905_00005.jpg



View of the rodent holes along the landside slope & toe.

LM Start	1.19	Rating **	A/W	Issue No.	22	
LM End	1.19	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			39.182079 °		39.182079 °
				-122.895038 °		-122.895038 °
DWR ID	21228					
Comment Code						
Inspector Comment						
FS_ID:26924						
DS_ID:21228						
EP_NO: 11496						
Repair Type: No Action Needed						
Crossing Status: Found						
UCIP Comments:						
FIELD_STRUCT_DESC: 42-inch corrugated metal drainage pipe through the levee, 8 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwalls on both ends. (24-inch pipes [HLM 1.21] retained under Automatic Board Order (ABO) issued as Permit No. 11496, 1975 - Earl Foutch). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 1.21)].						
FS Date: 1/9/2014						

Photo 1 of 3 : UCIP_FA_2018_26924_49762.jpg



Drainpipe visible at LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 Page, Alley and Clover Creek Diversion	Right	1.49	09/26/2018 09/26/2018	Bob Duffey

LM Start	1.19	Rating **	A/W	Issue No.	22 (cont)	
LM End	1.19	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			39.182079 °		39.182079 °
				-122.895038 °		-122.895038 °
DWR ID	21228					
Comment Code						
Inspector Comment						
FS_ID:26924 DS_ID:21228 EP_NO: 11496 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 42-inch corrugated metal drainage pipe through the levee, 8 feet below the crown. Flap gate on the waterside (WS) end. Concrete headwalls on both ends. (24-inch pipes [HLM 1.21] retained under Automatic Board Order (ABO) issued as Permit No. 11496, 1975 - Earl Foutch). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506.2, August 1961, (HLM 1.21)]. FS Date: 1/9/2014						

Photo 2 of 3 : UCIP_FA_2018_26924_49761.jpg



Concrete headwall and drainpipe visible at LS toe.

LM Start	1.19	Rating **	A/W	Issue No.	22 (cont)
LM End	1.19	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2018_26924_49760.jpg



Concrete headwall visible off WS berm.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	09/26/2018 09/26/2018	Bob Duffey

LM Start	0.30	Rating **	M	Issue No.	3
LM End	0.30	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.176957 °	39.176957 °
				-122.898673 °	-122.898673 °
DWR ID	DWR_NA0009_05_s_2012_3				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	0.31	Rating **	M	Issue No.	21
LM End	0.31	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.177076 °	39.177076 °
				-122.898879 °	-122.898879 °
DWR ID	21235				
Comment Code					
Inspector Comment					
FS_ID:26897 DS_ID:21235 EP_NO: 11507 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/27/2017 This structure is inspected annually under the Structure and Channel Summer Inspection (part of the Levee Inspection Program) conducted by the DWR Flood Project Integrity and Inspection Branch (FPIIB). (DWR UCIP - O. Magana) Some sediment buildup at LS toe. FIELD_STRUCT_DESC: [Clover Creek Diversion Structure] 1 of 6: 36-inch corrugated metal drainage pipe through the levee, 12 feet below the crown. Slide gate on the waterside (WS) end. Steel walkway on the WS slope to slide gate. Concrete headwall on both ends. (six 36-inch pipes and structure [HLM 0.3] retained under Automatic Board Order (ABO) issued as Permit No. 11507, 1975 - Lake County Flood Control and Water Conservation District). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506, Part 2, August 1961, (HLM 0.31)]. FS Date: 1/9/2014					

Photo 1 of 3 : UCIP_FA_2018_26897_49712.jpg



Slide gate at steel walkway on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	09/26/2018 09/26/2018	Bob Duffey

LM Start	0.31	Rating **	M	Issue No.	21 (cont)	
LM End	0.31	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			39.177076°	39.177076°	
				-122.898879°	-122.898879°	
DWR ID	21235					
Comment Code						
Inspector Comment						
FS_ID:26897 DS_ID:21235 EP_NO: 11507 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/27/2017 This structure is inspected annually under the Structure and Channel Summer Inspection (part of the Levee Inspection Program) conducted by the DWR Flood Project Integrity and Inspection Branch (FPIIB). (DWR UCIP - O. Magana) Some sediment buildup at LS toe. FIELD_STRUCT_DESC: [Clover Creek Diversion Structure] 1 of 6: 36-inch corrugated metal drainage pipe through the levee, 12 feet below the crown. Slide gate on the waterside (WS) end. Steel walkway on the WS slope to slide gate. Concrete headwall on both ends. (six 36-inch pipes and structure [HLM 0.3] retained under Automatic Board Order (ABO) issued as Permit No. 11507, 1975 - Lake County Flood Control and Water Conservation District). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506, Part 2, August 1961, (HLM 0.31)]. FS Date: 1/9/2014						

Photo 2 of 3 : UCIP_FA_2018_26897_49711.jpg



Outlet visible at concrete headwall on LS toe.

LM Start	0.31	Rating **	M	Issue No.	21 (cont)
LM End	0.31	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_FA_2018_26897_49710.jpg



Slide gate at concrete headwall on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	09/26/2018 09/26/2018	Bob Duffey

LM Start	0.31	Rating **	M	Issue No.	22
LM End	0.31	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.177074 °	39.177074 °
				-122.898902 °	-122.898902 °
DWR ID	21234				
Comment Code					
Inspector Comment					
FS_ID:26891 DS_ID:21234 EP_NO: 11507 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/27/2017 This structure is inspected annually under the Structure and Channel Summer Inspection (part of the Levee Inspection Program) conducted by the DWR Flood Project Integrity and Inspection Branch (FPIIB). (DWR UCIP - O. Magana) Some sediment buildup on LS toe. FIELD_STRUCT_DESC: [Clover Creek Diversion Structure] 2 of 6: 36-inch corrugated metal drainage pipe through the levee, 12 feet below the crown. Slide gate on the waterside (WS) end. Steel walkway on the WS slope to slide gate. Concrete headwalls on both ends. (six 36-inch pipes and structure [HLM 0.3] retained under Automatic Board Order (ABO) issued as Permit No. 11507, 1975 - Lake County Flood Control and Water Conservation District). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506, Part 2, August 1961, (HLM 0.31)]. FS Date: 1/9/2014					

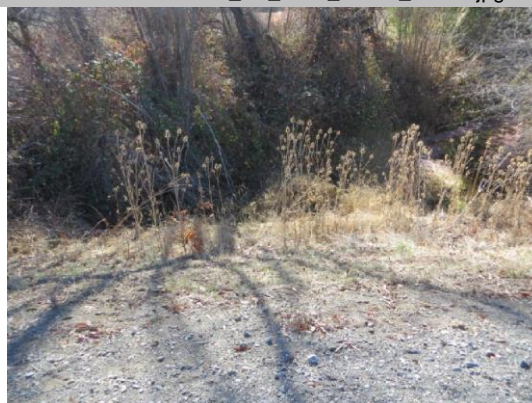
LM Start	0.31	Rating **	M	Issue No.	22 (cont)
LM End	0.31	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2018_26891_49682.jpg



Slide gate on steel walkway at WS toe.

Photo 2 of 3 : UCIP_FA_2018_26891_49681.jpg



Outlet visible at concrete headwall on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	09/26/2018 09/26/2018	Bob Duffey

LM Start	0.31	Rating **	M	Issue No.	22 (cont)	
LM End	0.31	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			39.177074 °	39.177074 °	
				-122.898902 °	-122.898902 °	
DWR ID	21234					
Comment Code						
Inspector Comment						
FS_ID:26891 DS_ID:21234 EP_NO: 11507 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/27/2017 This structure is inspected annually under the Structure and Channel Summer Inspection (part of the Levee Inspection Program) conducted by the DWR Flood Project Integrity and Inspection Branch (FPIIB). (DWR UCIP - O. Magana) Some sediment buildup on LS toe. FIELD_STRUCT_DESC: [Clover Creek Diversion Structure] 2 of 6: 36-inch corrugated metal drainage pipe through the levee, 12 feet below the crown. Slide gate on the waterside (WS) end. Steel walkway on the WS slope to slide gate. Concrete headwalls on both ends. (six 36-inch pipes and structure [HLM 0.3] retained under Automatic Board Order (ABO) issued as Permit No. 11507, 1975 - Lake County Flood Control and Water Conservation District). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506, Part 2, August 1961, (HLM 0.31)]. FS Date: 1/9/2014						

Photo 3 of 3 : UCIP_FA_2018_26891_49680.jpg



Slide gate visible at concrete headwall on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	09/26/2018 09/26/2018	Bob Duffey

LM Start	0.32	Rating **	M	Issue No.	23	
LM End	0.32	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			39.177078 °	39.177078 °	
				-122.898926 °	-122.898926 °	
DWR ID	21233					
Comment Code						
Inspector Comment						
FS_ID:26888 DS_ID:21233 EP_NO: 11507 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/27/2017 This structure is inspected annually under the Structure and Channel Summer Inspection (part of the Levee Inspection Program) conducted by the DWR Flood Project Integrity and Inspection Branch (FPIIB). (DWR UCIP - O. Magana) Some sediment buildup at outlet on LS toe. FIELD_STRUCT_DESC: [Clover Creek Diversion Structure] 3 of 6: 36-inch corrugated metal drainage pipe through the levee, 12 feet below the crown. Concrete headwall on both ends. Steel slide gate plate blocks inlet on the waterside (WS) toe. (six 36-inch pipes and structure [HLM 0.3] retained under Automatic Board Order (ABO) issued as Permit No. 11507, 1975 - Lake County Flood Control and Water Conservation District). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506, Part 2, August 1961, (HLM 0.31)]. FS Date: 1/9/2014						

LM Start	0.32	Rating **	M	Issue No.	23 (cont)
LM End	0.32	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2018_26888_49666.jpg



Steel slide gate visible at concrete headwall on WS toe.

Photo 2 of 3 : UCIP_FA_2018_26888_49665.jpg



Outlet visible at concrete headwall on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	09/26/2018 09/26/2018	Bob Duffey

LM Start	0.32	Rating **	M	Issue No.	23 (cont)	
LM End	0.32	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			39.177078 °	39.177078 °	
				-122.898926 °	-122.898926 °	
DWR ID	21233					
Comment Code						
Inspector Comment						
FS_ID:26888 DS_ID:21233 EP_NO: 11507 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/27/2017 This structure is inspected annually under the Structure and Channel Summer Inspection (part of the Levee Inspection Program) conducted by the DWR Flood Project Integrity and Inspection Branch (FPIIB). (DWR UCIP - O. Magana) Some sediment buildup at outlet on LS toe. FIELD_STRUCT_DESC: [Clover Creek Diversion Structure] 3 of 6: 36-inch corrugated metal drainage pipe through the levee, 12 feet below the crown. Concrete headwall on both ends. Steel slide gate plate blocks inlet on the waterside (WS) toe. (six 36-inch pipes and structure [HLM 0.3] retained under Automatic Board Order (ABO) issued as Permit No. 11507, 1975 - Lake County Flood Control and Water Conservation District). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506, Part 2, August 1961, (HLM 0.31)]. FS Date: 1/9/2014						

Photo 3 of 3 : UCIP_FA_2018_26888_49664.jpg



Steel slide gate visible at concrete headwall on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	09/26/2018 09/26/2018	Bob Duffey

LM Start	0.32	Rating **	M	Issue No.	24	
LM End	0.32	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			39.177074 °	39.177074 °	
				-122.898949 °	-122.898949 °	
DWR ID	21232					
Comment Code						
Inspector Comment						
FS_ID:26885 DS_ID:21232 EP_NO: 11507 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/27/2017 This structure is inspected annually under the Structure and Channel Summer Inspection (part of the Levee Inspection Program) conducted by the DWR Flood Project Integrity and Inspection Branch (FPIIB). (DWR UCIP - O. Magana) Some sediment buildup at outlet on LS toe. FIELD_STRUCT_DESC: [Clover Creek Diversion Structure] 4 of 6: 36-inch corrugated metal drainage pipe through the levee, 12 feet below the crown. Concrete headwall on both ends. (six 36-inch pipes and structure [HLM 0.3] retained under Automatic Board Order (ABO) issued as Permit No. 11507, 1975 - Lake County Flood Control and Water Conservation District). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506, Part 2, August 1961, (HLM 0.31)]. FS Date: 1/9/2014						

LM Start	0.32	Rating **	M	Issue No.	24 (cont)
LM End	0.32	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2018_26885_49634.jpg



Steel plate slide gate visible at headwall on WS toe.

Photo 2 of 3 : UCIP_FA_2018_26885_49633.jpg



Outlet visible at concrete headwall on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	09/26/2018 09/26/2018	Bob Duffey

LM Start	0.32	Rating **	M	Issue No.	24 (cont)	
LM End	0.32	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			39.177074 °	39.177074 °	
				-122.898949 °	-122.898949 °	
DWR ID	21232					
Comment Code						
Inspector Comment						
FS_ID:26885 DS_ID:21232 EP_NO: 11507 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/27/2017 This structure is inspected annually under the Structure and Channel Summer Inspection (part of the Levee Inspection Program) conducted by the DWR Flood Project Integrity and Inspection Branch (FPIIB). (DWR UCIP - O. Magana) Some sediment buildup at outlet on LS toe. FIELD_STRUCT_DESC: [Clover Creek Diversion Structure] 4 of 6: 36-inch corrugated metal drainage pipe through the levee, 12 feet below the crown. Concrete headwall on both ends. (six 36-inch pipes and structure [HLM 0.3] retained under Automatic Board Order (ABO) issued as Permit No. 11507, 1975 - Lake County Flood Control and Water Conservation District). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506, Part 2, August 1961, (HLM 0.31)]. FS Date: 1/9/2014						

Photo 3 of 3 : UCIP_FA_2018_26885_49632.jpg



Steel plate slide gate visible at headwall on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	09/26/2018 09/26/2018	Bob Duffey

LM Start	0.32	Rating **	M	Issue No.	25	
LM End	0.32	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			39.177070 °	39.177070 °	
				-122.898967 °	-122.898967 °	
DWR ID	21231					
Comment Code						
Inspector Comment						
FS_ID:26883 DS_ID:21231 EP_NO: 11507 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/27/2017 This structure is inspected annually under the Structure and Channel Summer Inspection (part of the Levee Inspection Program) conducted by the DWR Flood Project Integrity and Inspection Branch (FPIIB). (DWR UCIP - O. Magana) Some sediment buildup on LS toe. FIELD_STRUCT_DESC: [Clover Creek Diversion Structure] 5 of 6: 36-inch corrugated metal drainage pipe through the levee, 12 feet below the crown. Concrete headwall on both ends. Steel slide gate blocks inlet on the waterside (WS) toe. (six 36-inch pipes and structure [HLM 0.3] retained under Automatic Board Order (ABO) issued as Permit No. 11507, 1975 - Lake County Flood Control and Water Conservation District). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506, Part 2, August 1961, (HLM 0.31)]. FS Date: 1/9/2014						

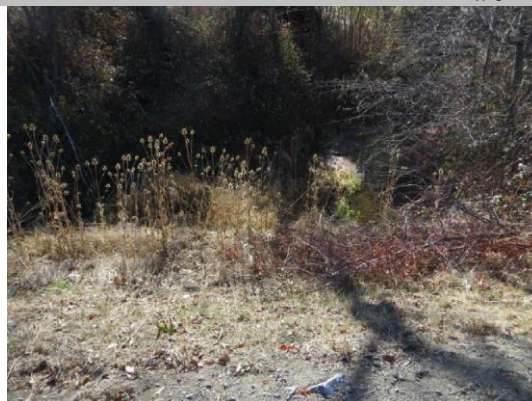
LM Start	0.32	Rating **	M	Issue No.	25 (cont)
LM End	0.32	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_FA_2018_26883_49622.jpg



Metal slide gate visible at concrete headwall on WS toe.

Photo 2 of 3 : UCIP_FA_2018_26883_49621.jpg



Pipe visible at concrete headwall on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	09/26/2018 09/26/2018	Bob Duffey

LM Start	0.32	Rating **	M	Issue No.	25 (cont)	
LM End	0.32	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			39.177070°	39.177070°	
				-122.898967°	-122.898967°	
DWR ID	21231					
Comment Code						
Inspector Comment						
FS_ID:26883 DS_ID:21231 EP_NO: 11507 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/27/2017 This structure is inspected annually under the Structure and Channel Summer Inspection (part of the Levee Inspection Program) conducted by the DWR Flood Project Integrity and Inspection Branch (FPIIB). (DWR UCIP - O. Magana) Some sediment buildup on LS toe. FIELD_STRUCT_DESC: [Clover Creek Diversion Structure] 5 of 6: 36-inch corrugated metal drainage pipe through the levee, 12 feet below the crown. Concrete headwall on both ends. Steel slide gate blocks inlet on the waterside (WS) toe. (six 36-inch pipes and structure [HLM 0.3] retained under Automatic Board Order (ABO) issued as Permit No. 11507, 1975 - Lake County Flood Control and Water Conservation District). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506, Part 2, August 1961, (HLM 0.31)]. FS Date: 1/9/2014						

Photo 3 of 3 : UCIP_FA_2018_26883_49620.jpg



Metal slide gate visible at concrete headwall on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	09/26/2018 09/26/2018	Bob Duffey

LM Start	0.32	Rating **	M	Issue No.	26	
LM End	0.32	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			39.177066°	39.177066°	
				-122.898986°	-122.898986°	
DWR ID	21229					
Comment Code						
Inspector Comment						
FS_ID:26877 DS_ID:21229 EP_NO: 11507 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/27/2017 This structure is inspected annually under the Structure and Channel Summer Inspection (part of the Levee Inspection Program) conducted by the DWR Flood Project Integrity and Inspection Branch (FPIIB). (DWR UCIP - O. Magana) Some sediment buildup at outlet on LS toe. FIELD_STRUCT_DESC: [Clover Creek Diversion Structure] 6 of 6: 36-inch corrugated metal drainage pipe through the levee, 12 feet below the crown. Concrete headwall on both ends. Steel slide gate covers waterside (WS) inlet. (six 36-inch pipes and structure [HLM 0.3] retained under Automatic Board Order (ABO) issued as Permit No. 11507, 1975 - Lake County Flood Control and Water Conservation District). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506, Part 2, August 1961, (HLM 0.31)]. FS Date: 1/9/2014						

Photo 1 of 3 : UCIP_FA_2018_26877_49610.jpg



Steel slide gate visible at headwall on WS toe.

LM Start	0.32	Rating **	M	Issue No.	26 (cont)
LM End	0.32	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2018_26877_49609.jpg



Concrete headwall on LS toe.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	09/26/2018 09/26/2018	Bob Duffey

LM Start	0.32	Rating **	M	Issue No.	26 (cont)					
LM End	0.32	Issue Type +	Ma	Location *						
Category	Supplemental		GPS Latitude/Longitude							
			Start	End						
Item	DWR UCIP LMA Responsibility		39.177066 °	39.177066 °						
			-122.898986 °	-122.898986 °						
DWR ID	21229									
Comment Code										
Inspector Comment										
FS_ID:26877 DS_ID:21229 EP_NO: 11507 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 10/27/2017 This structure is inspected annually under the Structure and Channel Summer Inspection (part of the Levee Inspection Program) conducted by the DWR Flood Project Integrity and Inspection Branch (FPIIB). (DWR UCIP - O. Magana) Some sediment buildup at outlet on LS toe. FIELD_STRUCT_DESC: [Clover Creek Diversion Structure] 6 of 6: 36-inch corrugated metal drainage pipe through the levee, 12 feet below the crown. Concrete headwall on both ends. Steel slide gate covers waterside (WS) inlet. (six 36-inch pipes and structure [HLM 0.3] retained under Automatic Board Order (ABO) issued as Permit No. 11507, 1975 - Lake County Flood Control and Water Conservation District). [Additional Reference(s): DWR Levee Log, 2005. USACE Sacramento O&M Manual 506, Part 2, August 1961, (HLM 0.31)]. FS Date: 1/9/2014										

Photo 3 of 3 : UCIP_FA_2018_26877_49608.jpg



Steel slide gate visible at headwall on WS toe.

LM Start	0.32	Rating **	A/W	Issue No.	13					
LM End	0.32	Issue Type +	Ma	Location *						
Category	Supplemental		GPS Latitude/Longitude							
			Start	End						
Item	2017 Storm Damage		39.177150 °	39.177150 °						
			-122.899111 °	-122.899111 °						
DWR ID	DWR_NA0009_05_f_2017_13									
Comment Code										
Inspector Comment										
Levee Evaluation Comments Description: Site ID No:19 Site Designation:LCWPD-01 Repair Type: Erosion Rating:Area of Concern Field Date:6/5/2017 Notes: Erosion exists between a small weir and diversion pipes.										

Photo 1 of 3 : LEVAL_FA_2018_19_352.jpg



* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Lake County Watershed Protection District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 05 Clover Creek and Clover Creek Diversion	Left	1.03	09/26/2018 09/26/2018	Bob Duffey

LM Start	0.32	Rating **	A/W	Issue No.	13 (cont)	
LM End	0.32	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	2017 Storm Damage			39.177150°	39.177150°	
				-122.899111°	-122.899111°	
DWR ID	DWR_NA0009_05_f_2017_13					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:						
Site ID No:19						
Site Designation:LCWPD-01						
Repair Type: Erosion						
Rating:Area of Concern						
Field Date:6/5/2017						
Notes: Erosion exists between a small weir and diversion pipes.						

LM Start	0.32	Rating **	A/W	Issue No.	13 (cont)
LM End	0.32	Issue Type +	Ma	Location *	

Photo 2 of 3 : LEVAL_FA_2018_19_354.jpg



Photo 3 of 3 : LEVAL_FA_2018_19_363.jpg



* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

Lake County Watershed Protection District

View of no vegetation on both slopes.

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